

| Ref # | Hits   | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|---|------------------|---------|------------------|
| L1    | 2582   | 382/154,115-118,181,209.ccls.<br>345/426.ccls.   | USPAT   | OR               | OFF     | 2005/07/18 13:45 |
| L2    | 5210   | 382/154,115-118,181,209.ccls.<br>345/426.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/18 13:45 |
| L3    | 410    | optimiz\$6 with reflect\$6 with<br>function\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/18 13:45 |
| L4    | 4      | (382/154,115-118,181,209.ccls.<br>345/426.ccls. ) and (optimiz\$6<br>with reflect\$6 with function\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/18 13:45 |
| L5    | 268202 | (variation\$1 difference\$1<br>change\$1 modulat\$5) near2<br>(illuminat\$8 light\$3 luminan\$8)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/18 13:45 |
| L6    | 879    | (382/154,115-118,181,209.ccls.<br>345/426.ccls. ) and ((variation\$1<br>difference\$1 change\$1 modulat\$5)<br>near2 (illuminat\$8 light\$3<br>luminan\$8))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/18 13:45 |
| L7    | 160    | ((382/154,115-118,181,209.ccls.<br>345/426.ccls. ) and ((variation\$1<br>difference\$1 change\$1 modulat\$5)<br>near2 (illuminat\$8 light\$3<br>luminan\$8))) and (((three near<br>dimension\$3) or 3-d or 3d) near<br>model\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/18 13:45 |
| L8    | 2586   | recog\$7 and (reflect\$3 near<br>function\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/18 13:45 |
| L9    | 21     | (recog\$7 and (reflect\$3 near<br>function\$3)) and (382/154,<br>115-118,181,209.ccls. 345/426.<br>ccls. )   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/18 13:45 |
| L10   | 5659   | (specular\$4 same diffuse\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/18 13:45 |

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| L11 | 96  | (specular\$4 same diffuse\$3 same (reflect\$6 near (model\$3 or function\$1)) )   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/18 13:45 |
| L12 | 33  | ((specular\$4 same diffuse\$3 same (reflect\$6 near (model\$3 or function\$1)) )) and (382/154, 115-118,181,209.ccls. 345/426. ccls. )  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/18 13:45 |
| L13 | 19  | ("3728528"   "3789203"   "4855935"   "4899302"   "4901064"   "4905158"   "4943938"   "4956799"   "5046108"   "5063375"   "5109481"   "5119444"   "5125073"   "5163126"   "5179659"   "5222202"   "5253339"   "5369737"   "5500907").PN.   | USPAT   | OR | OFF | 2005/07/18 13:45 |
| L14 | 10  | "5739820".URPN.   | USPAT   | OR | OFF | 2005/07/18 13:45 |
| L15 | 1   | "6639594".URPN.   | USPAT   | OR | OFF | 2005/07/18 13:45 |
| L16 | 254 | 382/118.ccls.   | USPAT   | OR | OFF | 2005/07/18 13:45 |
| L17 | 1   | 382/118.ccls. and (((three near dimension\$4) or 3d or 3-d) with (model\$1)) and (reflect\$4 near2 function\$3)   | USPAT   | OR | OFF | 2005/07/18 13:45 |
| L18 | 10  | broad\$5 near specular\$4 near reflect\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/18 13:45 |
| L19 | 1   | 2003-480388.NRAN.   | DERWENT   | OR | OFF | 2005/07/18 13:45 |
| L20 | 50  | ("4912336" "5704024" "4417791" "5028138" "5572635" "5748330" "6639594" "5289351" "4344709" "4548506" "4606645" "5452091" "5618461" "5783804" "6152876" "6212424" "6340602" "6384824" "6623991" "6678632" "6765573" "6144491" "4415509" "4839525" "5469515" "4274109" "4526545" "4793690" "4823199" "4891664" "5267000" "5295199" "5349421" "5543940" "5710876" "5967050" "6047078" "6306203" "6328793" "6398857" "6404506" "6628298" "6677942" "6724383" "6771400" "5793374" "6304294" "6356265" "6369816" "6404429").pn. | USPAT   | OR | OFF | 2005/07/18 13:45 |

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|-----|-----|--|---|----|-----|------------------|
| L21 | 7   | ("5739820"   "5870097"   "5947823"   "6057851"   "6317126"   "6429872"   "6545677").PN.  | USPAT   | OR | OFF | 2005/07/18 13:45 |
| L22 | 476 | 345/426.ccls.  | USPAT   | OR | OFF | 2005/07/18 13:45 |
| L23 | 155 | 345/426.ccls. and recogni\$8   | USPAT   | OR | OFF | 2005/07/18 13:45 |
| L24 | 2   | 382/118.ccls. and (reflect\$4 near2 function\$3)   | USPAT   | OR | OFF | 2005/07/18 13:45 |
| L25 | 42  | 382/118.ccls. and (((three near dimension\$4) or 3d or 3-d) with (model\$1))   | USPAT   | OR | OFF | 2005/07/18 13:45 |
| L29 | 13  | (recogni\$6 or similarity or identif\$7) same (subspace or sub adj space) same (lighting or illumination or albedo or reflectance or lambert\$3) near3 (variation or variable or varying or varied or varios or all adj possib\$7)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/18 13:54 |
| L30 | 93  | (382/115-119,124,153,154,156, 159.ccls. 382/165,181,190,209, 216,224.ccls.) and (lambert\$3 or albedo or reflectance or (illumination or lighting) near (varia\$5 or possible or possibility)) and (spherical near harmonic or princip\$2 adj component or singular adj value\$1 or subspace or sub adj space) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/18 13:59 |
| L31 | 42  | 30 and (specular or scatter\$3 or diffus\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/18 14:07 |
| L32 | 12  | 30 and (specular with (scatter\$3 or diffus\$4))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/18 14:10 |
| L33 | 8   | harmonic same (princip\$3 adj component or singular adj value\$1 or PCA.u/c. or subspace sub adj space or eigen\$7) same (lighting or illumination or albedo or reflectance or lambert\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/18 14:14 |


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**1. Acquiring linear subspaces for face recognition under variable lighting**Kuang-Chih Lee; Ho, J.; Kriegman, D.J.;  
Pattern Analysis and Machine Intelligence, IEEE Transactions on  
Volume 27, Issue 5, May 2005 Page(s):684 - 698[AbstractPlus](#) | Full Text: [PDF](#)(1168 KB) IEEE JNL

IEEE STD IEEE Standard

**2. Nine points of light: acquiring subspaces for face recognition under variable ligh**Kuang-Chih Lee; Jeffrey Ho; Kriegman, D.;  
Computer Vision and Pattern Recognition, 2001. CVPR 2001. Proceedings of the 2001  
Society Conference on  
Volume 1, 2001 Page(s):I-519 - I-526 vol.1[AbstractPlus](#) | Full Text: [PDF](#)(850 KB) IEEE CNF
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